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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/805,102      | 03/14/2001  | Takashi Kimura       | P107400-00026       | 1508             |

7590 01/12/2004

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EXAMINER

NGUYEN, JOSEPH H

ART UNIT PAPER NUMBER

2815

DATE MAILED: 01/12/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Interview Summary

Application No.

09/805,102

Applicant(s)

KIMURA, TAKASHI

Examiner

Joseph Nguyen

Art Unit

2815

All participants (applicant, applicant's representative, PTO personnel):

(1) Joseph Nguyen.

(3) \_\_\_\_\_.

(2) Lynne Anderson.

(4) \_\_\_\_\_.

Date of Interview: 08 January 2004.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1 and 4.

Identification of prior art discussed: \_\_\_\_\_.

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Joseph Nguyen  
Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant discussed about the refractive index of the first layer 30, clad layer 25 and active layer 24 in which the Examiner clearly explained that the greater the Al mole fraction is, the less the refractive index is, and based on the Al mole fraction of layers 30, 25, 24 (col.10-11), Suyama discloses on figure 9 all the structures set forth in claim 1 thereof. Further, in claim 4, numerals 9 and 10 should be 30 and 31 respectively as first and second layers in figure 9. The Examiner will fully consider amendment when officially filed in response to the Office Action mailed on 10/08/2003 .